

## ABSTRACT:

The invention relates to an X-ray device which includes an X-ray source (2) and an X-ray detector (3) which are mounted at a respective end of a common holding device (12), the holding device (12) being attached to the room (9) by way of a supporting device (18). In order to realize a more flexible construction of such X-ray devices that are widely used and are usually provided with a holding device (12) in the form of a C-arm and nevertheless maintain a high positioning accuracy, the invention proposes to compose the supporting device (18) of a plurality of hinged, serially interconnected supporting members (15, 16, 17). The supporting device is to be formed notably by a serial manipulator, for example, a conventional robot arm.

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Fig. 2